

IN THE ABSTRACT:

Please add the following Abstract of the Disclosure:

ABSTRACT OF THE DISCLOSURE

A pedal element (2) with a connecting device (5, 7, 8, 9, 10, 11, 12, 13, 15, 16) can be moved between an idle position and a full-throttle position of an internal combustion engine at a pedal angle ranging between 0° and 5° to 30°. A signal-generating device is configured in the form of a rotation angle sensor (1) having at least one integrated circuit (ASIC) with a Hall device. The ASIC with the Hall device and a storage device with an ASIC are connected to a microprocessor. An output switching unit is connected downstream from the microprocessor. The output switching unit emits an pulse-width-modulated signal with selectable frequencies. Other output signals, such as back-to-back signals and switch signals, can be regenerated with the ASIC with the Hall device and the microprocessor.